Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1570	715/513	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/04 13:31
S2	974	"workflow process"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/03 16:48
S3	35	"workflow process" and "user-selected"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/03 16:49
S4	24	"workflow process" and "user-selected" and "data structure"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/03 16:55
S5	12	"workflow process" and "user-selected" and "data structure" and convert	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/03 16:55
S6	12	"workflow process" and "user-selected" and "data structure" and convert and text	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/03 17:02
S7	4	"6571246"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/03 17:22
S8	10	"6505176"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/03 17:49

S9	7	workflow and "text portion" and user-selected	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/03 17:27
S10	15	workflow and text and user-selectable and parameter and "data structure"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/03 17:33
S11	3	"6907451".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/03 17:35
S13	212	"workflow process" and "data structure"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/03 17:49
S14	114	"workflow process" and "data structure" and document and text and user	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/04 11:16
S16	2	"workflow process parameter" and "data structure" and document and text and user	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/04 11:16
S17	4	"workflow process parameter"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/04 12:20
S18	1225	705/9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/04 12:10

S19	473	"workflow process" and text	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/04 12:22
S20	421	"workflow process" and text and order	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/04 12:22
S21	171	"workflow process" and text and order and parameter and user	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/04 12:23
S22	2	"20050120330"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/04 13:31
S23	9	"text document" and "workflow process"	USPAT	OR	OFF	2005/10/04 15:12
S24	0	"20050120330"	USPAT	OR	OFF	2005/10/04 15:12
S25	1	"20050120330"	US-PGPUB; USPAT	OR	OFF	2005/10/04 15:15
S26	126	"drop-down menu" and workflow and text	US-PGPUB; USPAT	OR	OFF	2005/10/04 15:16
S27	141	"drop-down menu" and workflow and user and (define or select)	US-PGPUB; USPAT	OR	OFF	2005/10/04 15:18
S28	0	"drop-down menu" and workflow and user and (define or select) and paramater	US-PGPUB; USPAT	OR	OFF	2005/10/04 15:16
S29	21	"drop-down menu" and ("workflow process" or "workflow process parameter")	US-PGPUB; USPAT	OR	OFF	2005/10/04 15:32
S30	43	"voice recognition" and "workflow process"	US-PGPUB; USPAT	OR	OFF	2005/10/04 15:32
S31	17	"voice recognition" and "workflow process" and parameter	US-PGPUB; USPAT	OR	OFF	2005/10/04 15:32

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1 Report from the NSF workshop on workflow and process automation in information systems
Amit Sheth, Dimitrios Georgakopoulos, Stef M. M. Joosten, Marek Rusinkiewicz, Walt Scacchi, Jack Wileden, Alexander L. Wolf
December 1996 **ACM SIGMOD Record**, Volume 25 Issue 4
Full text available: pdf(1.31 MB) Additional Information: full citation, abstract, citings, index terms

An interdisciplinary research community needs to address challenging issues raised by applying workflow management technology in information systems. This conclusion results from the NSF workshop on Workflow and Process Automation in Information Systems which was held at the State Botanical Garden of Georgia during May 8-10, 1996. The workshop brought together active researchers and practitioners from several communities, with significant representation from database and distributed systems ...

2 Towards a multi-lingual workflow system: a practical outlook
Bastin Tony Roy Savarimuthu, Maryam Purvis
January 2004 **Proceedings of the second workshop on Australasian information security, Data Mining and Web Intelligence, and Software Internationalisation - Volume 32 CRPIT '04**
Full text available: pdf(615.95 KB) Additional Information: full citation, abstract, references

Due to rapid development in the global market, workflow systems are not limited to a single country. Electronic business, like workflows span across countries and hence there arises the need for understanding among the users of the system to operate/use them in their own local language. For software such as workflow management systems it is highly imperative that it should be internationalized as some of the processes/sub-processes of the workflow might be in a different country and the people i ...

Keywords: internationalization, localization, re-factoring, separation, simulation, workflow

3 Document analysis: Digital capture for automated scanner workflows
Steven J. Simske, Scott C. Baggs
October 2004 **Proceedings of the 2004 ACM symposium on Document engineering**
Full text available: pdf(1.05 MB) Additional Information: full citation, abstract, references, index terms

The use of scanners and other capture devices to incorporate film- and paper-based materials into digital workflows is an important part of "digital convergence", or the bringing

of paper-based and electronic documents together into the same electronic workflows. The diversity of captured information-from text and mixed-type documents to photos, negatives, slides and transparencies-requires a combination of document analysis techniques to perform, automatically, the segmentation, classificati ...

Keywords: classification, negatives, photos, scanning, segmentation, slides, user interface, zoning

4 A reference model for workflow application development processes

Mathias Weske, Thomas Goesmann, Roland Holten, Rüdiger Striemer

March 1999 **ACM SIGSOFT Software Engineering Notes , Proceedings of the international joint conference on Work activities coordination and collaboration**, Volume 24 Issue 2

Full text available: pdf(1.39 MB) Additional Information: full citation, abstract, references, citings, index terms

The success of workflow projects to a large extent depends on how workflow application development processes are planned, organized, and conducted. Based on lessons learned from problems encountered during real-world workflow application development projects, this paper presents a reference model for workflow application development processes, which guides project managers and developers through the complex structure of these processes, with the aim of developing more adequate, usable, and relia ...

Keywords: design methodology, reference modeling, workflow application development processes

5 Organizational engineering (OE): An integrated model of workflows, e-contracts and solution implementation

Mizuho Iwaihara, Haiying Jiang, Yahiko Kambayashi

March 2004 **Proceedings of the 2004 ACM symposium on Applied computing**

Full text available: pdf(118.13 KB) Additional Information: full citation, abstract, references, index terms

Electronic-contracts (e-contracts) are structured models of business contracts. Business transactions between enterprises can be supported by inter-workflows based on standards. However, exceptions, namely problematic situations whose solutions are not specified in the workflow design, are not well supported in the proposed models. Such exceptions need to be resolved observing e-contracts. Discussion and decision-making by participants are necessary for interpreting e-contracts and agreeing on a ...

Keywords: business process, e-contract, workflows

6 Enhancing workflows by web technology

Wolfgang Gräther, Wolfgang Prinz, Sabine Kolvenbach

November 1997 **Proceedings of the international ACM SIGGROUP conference on Supporting group work: the integration challenge**

Full text available: pdf(1.34 MB) Additional Information: full citation, references, citings, index terms

Keywords: HTML, Internet, electronic circulation folder, workflow

7 Document analysis 2: Dynamic collaborative business processes within documents

Thomas B. Hodel, Harald Gall, Klaus R. Dittrich
October 2004 **Proceedings of the 22nd annual international conference on Design of communication: The engineering of quality documentation**
Full text available: pdf(335.58 KB) Additional Information: full citation, abstract, references, index terms

Effective collaborate business process support is essential in today's business. In this paper, we address this aspect within documents. Often, such text documents are stored unsystematically in a rather confusing file structure with an inscrutable hierarchy and little access control. Business data, on the other hand, are stored in a systematic way in databases allowing multi-user, multi-site, user-/role-specific controlled access. We store text documents in databases and exploit these databa ...

Keywords: categories, collaborative document processing, computer supported cooperative work (CSCW), document business process technologies, native text database

8 A web based enterprise workflow system
Charles K. Ames, Scott C. Burleigh, Stephen J. Mitchell
November 1997 **Proceedings of the international ACM SIGGROUP conference on Supporting group work: the integration challenge**
Full text available: pdf(937.34 KB) Additional Information: full citation, references, citings, index terms

9 Support for workflows in a ministerial environment
Wolfgang Prinz, Sabine Kolvenbach
November 1996 **Proceedings of the 1996 ACM conference on Computer supported cooperative work**
Full text available: pdf(1.44 MB) Additional Information: full citation, references, citings, index terms

Keywords: digital signatures, electronic circulation folder, participatory design, shared workspaces, workflow

10 IT implementation through the lens of organizational learning: a case study of insuror
Kwang-Tat Ang, James Y. L. Thong, Chee-Sing Yap
December 1997 **Proceedings of the eighteenth international conference on Information systems**
Full text available: pdf(95.41 KB) Additional Information: full citation, references, citings

Keywords: IT implementation, case study research, double-loop learning, organizational learning

11 Organizational metaphors as lenses for analyzing workflow technology
Steinar Carlsen, Reidar Gjersvik
November 1997 **Proceedings of the international ACM SIGGROUP conference on Supporting group work: the integration challenge**
Full text available: pdf(1.47 MB) Additional Information: full citation, references, citings, index terms

Keywords: CSCW, flexible workflow technology, organization theory

12 Engineering e-learning systems (ELS): Carrying on the e-learning process with a workflow management engine
Mirko Cesarini, Mattia Monga, Roberto Tedesco
March 2004 **Proceedings of the 2004 ACM symposium on Applied computing**
Full text available: pdf(209.38 KB) Additional Information: full citation, abstract, references, index terms

In recent years e-learning systems have promised to change the way people learn. However open issues still remain, in particular actual e-learning environments do not consider learning activities as part of the process of learning. Thus, it is not possible to define structured courses and specify precise learning paths apt to guide learners through learning materials. In our approach, we define courses as workflows. By so doing we can exploit powerful procedural rules in order to define precise ...

Keywords: Workflow Mgmt Systems, e-learning, learning objects

13 A Multimedia Enhanced CSCW Teleservice for Wide Area Cooperative Authoring of Multimedia Documents
Heiko Thimm
December 1994 **ACM SIGOIS Bulletin**, Volume 15 Issue 2
Full text available: pdf(872.72 KB) Additional Information: full citation

14 Customizing internal activity behaviour for flexible process enforcement
Belinda M. Carter, Joe Y. C. Lin, Maria E. Orlowska
January 2004 **Proceedings of the fifteenth conference on Australasian database - Volume 27 CRPIT '04**
Full text available: pdf(129.79 KB) Additional Information: full citation, abstract, references

Workflow technology has met with success in a variety of industries, although several limitations have emerged. One such drawback is the inflexibility of specification languages, including a lack of support for inter-task dependencies. Expressiveness of the specification language is believed to be a determining factor of workflows applicability and its industrial value as solution for process support.This paper attempts to address this limited language expressiveness by suggesting an alternative ...

Keywords: business process modelling, inter-task dependencies, task behaviour, verification, workflow

15 Freeflow: mediating between representation and action in workflow systems
Paul Dourish, Jim Holmes, Allan MacLean, Pernille Marqvardsen, Alex Zbyslaw
November 1996 **Proceedings of the 1996 ACM conference on Computer supported cooperative work**
Full text available: pdf(1.13 MB) Additional Information: full citation, references, citings, index terms

Keywords: constraints, dependencies, process description, process support, temporal organisation, workflow

16 Service deployment for virtual enterprises

J. Yang, W. J. van den Heuvel, M. P. Papazoglou
January 2001 **Australian Computer Science Communications , Proceedings of the workshop on Information technology for virtual enterprises ITVE '01 , Proceedings of the workshop on Information technology for virtual enterprises ITVE '01**, Volume 23 Issue 6

Full text available: pdf(892.19 KB) Publisher Site Additional Information: full citation, abstract, references, citings

The ubiquity of the WWW offers far reaching opportunities for emerging web-based applications based on service invocations. Although network-centric technologies will make the diverse services easily accessible via the Web, the development of E-commerce services (e-services) and networked services which share existing e-services is still an ad-hoc, very demanding, and time consuming task. In this paper we propose an integrated framework for e-services spanning legacy systems and modern enterpris ...

17 Posters: NIKE: integrating workflow, digital library, and online catalog systems
Nancy Allmang, Jo Ann Remshard
June 2004 **Proceedings of the 4th ACM/IEEE-CS joint conference on Digital libraries**

Full text available: pdf(104.78 KB) Additional Information: full citation, index terms

Keywords: NIKE, crosswalk, digital library, knowledge management, public access, publications, submission and tracking

18 Practitioner reports: Comparison of UML and text based requirements engineering
Brian A. Berenbach
October 2004 **Companion to the 19th annual ACM SIGPLAN conference on Object-oriented programming systems, languages, and applications**

Full text available: pdf(525.72 KB) Additional Information: full citation, abstract, references, index terms

There appears to be a real dichotomy in the use of the UML vs. text based Use Case development for requirements elicitation and documentation, that is, on those projects where use cases are work products. Not only are there different processes in place for text and graphical use case modeling, but also there are a variety of approaches and philosophies in each camp. This paper will discuss the prose vs. graphical approaches to requirements elicitation, observed advantages and disadvantages of ...

Keywords: UML, analysis, process, requirements

19 Workflow management systems for financial services
Thomas Schael, Buni Zeller
December 1993 **Proceedings of the conference on Organizational computing systems**

Full text available: pdf(1.46 MB) Additional Information: full citation, references, citings, index terms

Keywords: business process automation, computer supported cooperative work, customer satisfaction, groupware, office automation, office procedure, process reengineering, workflow management technology, workgroup computing

20 Session 4: Workflow performance and scalability analysis using the layered queuing modeling methodology

Kwang-Hoon Kim, Clarence A. Ellis
September 2001 **Proceedings of the 2001 International ACM SIGGROUP Conference on Supporting Group Work**

Full text available: pdf(361.96 KB) Additional Information: full citation, abstract, references, citings, index terms

The design and implementation of a workflow management system is typically a large and complex task. Decisions need to be made about the hardware and software platforms, the data structures, the algorithms, and network interconnection of various modules utilized by various users and administrators. These decisions are further complicated by requirements such as flexibility, robustness, modifiability, availability, performance, and usability. As the size of workflow systems increases, organizatio ...

Keywords: architectural framework, architectural performance analysis, architectural quality attribute, hardware contention model, method of layer (MOL), performance, performance analytic model, scalability, software contention model, taxonomy of workflow architectures

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